ELSEVIER

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 160 (1999) 327

COLLOIDS AND SURFACES A

Author Index

Abd-Allah, H.M.M., 251
Ageev, Y.P., 147
Ambrosone, L., 23
Amelina, E.A., 163

Butyagin, P., 107

Caboi, F., 47
Calandra, P., 9
Chandramalar, A.V.M., 199
Chittofrati, A., 47
Chrustaleva, G.N., 123
Cinelli, S., 3

Dunn, K., 217

Esumi, K., 247

Fedodeyev, V.I., 129
Fu Yen, T., 217

Goffredi, M., 9
Golub, M.A., 147
Gorbatkina, Y.A., 155
Goyal, R.N., 261

Isirikyan, A.A., 141
Ivanova-Mumjieva, V.G., 155
Izmailova, V.N., 89

Kim, J.I., 269
Kitikova, N.V., 207
Klenze, R., 269
Koel, B.E., 217
Koide, Y., 247
Kolosov, A., 135
Konopacka-Łyskawa, D., 183
Kuksenova, L.I., 163
Kunieda, H., 15

La Mesa, C., 1, 37
Lazzari, P., 47
Lebedev, A.V., 117
Leong, Y.K., 199
Lim, Y.Y., 199
Liveri, V.T., 9

Mansour, S.A.A., 251
Matushkina, N.N., 147
McClements, D.J., 323
Mekhemer, G.A.H., 251
Mikhailova, S.S., 141
Monduzzi, M., 23, 47

Novoselov, A.R., 117

Olla, M., 23
Onori, G., 3
Ozawa, K., 15

Plaschke, M., 269
Plavnik, G.M., 123
Polounine, K.E., 141
Polunina, I.A., 141
Popov, K., 135
Purjaeva, T.P., 123

Rastogi, A., 261
Rat'ko, A.I., 207
Resch, R., 217
Roldughin, V.I., 171
Römer, J., 269
Rusanov, A.I., 79
Rybakova, L.M., 163

Samsonov, V.M., 63, 117
Santucci, A., 3
Shabanova, N., 135
Shashkova, I.L., 207
Shcherbakov, L.M., 117
Shchukin, E.D., 163
Shuler, P., 217
Summ, B.D., 63
Suzuki, M., 15

Tang, Y., 217
Torigoe, K., 247
Traskine, V.Y., 59
Tulovskaya, Z.D., 89

Vysotsky, V.V., 171

Wang, K.-S., 217

Yachmenev, V., 135
Yamaguchi, Y., 15
Yampolskaya, G.P., 89
Yoshida, K., 247

Zwierzykowski, W., 183

PII: S0927-7757(99)00486-0

ELSEVIER

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 160 (1999) 329–330

COLLOIDS AND SURFACES A

Subject Index

Activation energy of dispergation, 79
Adhesive strength, 155
Adsolubilization, 247
Adsorption, 123, 141, 183, 269
Aggregation, 171
Alcohols, 3
Aquatic solution, 269
Aqueous solutions, 207
Atomic force microscopy (AFM) in liquid, 269

Barite, 217
Binding, 37

Calorimetry, 3
Carbon adsorbents, 123
Carboxylic acids, 199
Cationic surfactant, 247
Cement, 163
Chelating agent, 217
Chelating agents, 135
Chemical potentials of dispersed particles, 79
Cobalt oxide, 251
Colloidal particles, 129
Composite, 171
Computer simulation of spreading processes, 63
Conductivity, 47
Copper ion, 247
Counterion effect, 47
Cyclohexane, 199

DDAB ternary phase diagrams, 23
Defect structure, 147
Deformational mixing, 107
Diethylenetriaiminepentaacetic acid, 217
Dispersions, 199
Dispersion stability, 89
9-β-D-Ribofuranosyluric acid 5′-mono-phosphate, 261

Effective cross-sectional area, 15
Electrokinetics, 135
Emulsions, 23

Etch pits, 217
Excess free energy of small objects, 117

Fatty acids, 183
Fibers, 155
Fluorocarbon oils, 23
Fractal, 171

Heavy metal ions, 207
Humic acid, 269
Hydrodynamic theory of spreading, 63
Hydrophobic effect, 3
Hydrophobic forces, 199

Interaction, 183
Interactions, 37
Interfacial layers, 89
Interfacial tension, 183
Internal tension, 147

Kinetics, 37

Laponite, 247
Liquid crystals, 15
Loading in liquids, 155
Local chemical potential, 15
Lysozyme, 3

Mechanochemical synthesis, 107
Micellar media, 261
Microemulsions, 23
Microporous systems, 123
Microstructure, 23
Modifiers, 141
Molecular attraction forces, 129

Nanocrystals, 107
2-Naphthol, 247
NMR, 47
Non-contact atomic force microscopy, 217
Non-equilibrium thermodynamics, 63
Nonionic surfactant, 15

PII: S0927-7757(99)00487-2

Organic additives, 163

Percolation, 171
Permeability and selectivity autooscillation, 147
PFPE surfactants, 47
pH, 199
Phosphates, 207
Physicochemical mechanics, 107
Polymer, 171
Polymer film, 147
Polymers, 37, 155
Protein stabilizers, 89
Pull-out technique, 155

Rehbinder-effect, 107
Rehbinder's school of colloid chemistry, 63
Relaxation times, 37
Residual internal stresses, 163
Reversed micelles, 9
Rheological properties, 89
Rutile, 141

SAS solution, 147
SAXS, 15
Self-assembly, 47
Silica, 251
Similarity concepts, 117
Similarity methods, 63
Size dependence of the surface tension, 117
Small-angle X-ray scattering (SAXS) method, 123
Soaps, 183
Sodium dodecylsulfate, 3
Soil remediation, 135
Specific excess free energy of the wetting perimeter, 117
Spontaneous dispergation, 79
Steric, bridging, 199
Structure mechanical barrier, 89
Supported-cobalt oxide catalysts, 251
Surface acid properties, 251
Surface tension, 47
Surfactant, 141
Surfactants, 37

Textile waste, 135
Thermodynamic perturbation theory, 117
Thermodynamics, 37
Thermodynamics of dispergation, 79
Thin film stability, 89

UV-absorption spectroscopy, 9

Voltammetric oxidation, 261

Water, 141
w/o Microemulsions, 9
Work of dispergation, 79

X-ray diffraction, 163

Yield stress, 199

ZnS–AOT nanocomposite, 9
ZnS nanoparticles, 9